

ISO 13894-2 :2005-07 (E)

High-pressure decorative laminates_ - Composite elements_ - Part_2: Specifications for composite elements with wood-based substrates for interior use

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	2
5 Properties	2
5.1 Appearance	2
5.2 Dimensional tolerances	3
5.3 Surface bond strength	6
5.4 Perpendicular tensile strength	6
5.5 Glue-line quality	6
5.6 Substrate protection against water vapour (thickness swell)	6
5.7 Surface impact resistance	6
Annex A (informative) Optional properties	7
A.1 General	7
A.2 Resistance to axial withdrawal of wood screws (screw-holding)	7
A.3 Resistance to elevated temperature (short-term exposure)	7
A.4 Resistance to elevated temperature (long-term exposure)	7
A.5 Resistance to water vapour	8
A.6 Flexural strength/flexural modulus of elasticity	8
A.7 Continuous-load capability	9
A.8 Water resistance (edge swell)	9
Annex B (informative) Reaction to fire	10
Annex C (informative) Formaldehyde emission	11